Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008571.D
Acq On : 28 Dec 2021 00:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020734

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 28 04:35:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	557569	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	2395121	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	1712709	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	3732391	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	3789799	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	3534920	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	98707	7.980	ng/uL	0.00
4) Pyridine-d5	3.752	84	694345	20.058	ng/ul	0.00
7) Phenol-d5	7.058	99	902200	20.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	510121	20.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	748061	21.141	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	756502	21.201	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	370358	21.852	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	359791	23.153	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	836233	21.922	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	1141346	21.675	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	2718096	21.479	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	3329620	21.043	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	445822	22.225	ng/ul	0.00
60) Fluorene-d10	15.522	176	2343992	21.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	326627	19.880	ng/ul	0.00
73) Anthracene-d10	17.381	188	3750846	21.207	ng/ul	0.00
81) Pyrene-d10	19.610	212	4356306	19.183	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	3844084	21.129	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	104338	7.802	ng/uL	97
5) Pyridine	3.775	79	711967	20.044	ng/ul	98
6) Benzaldehyde	7.034	77	581017	22.917	ng/ul	96
8) Phenol	7.087	94	934395	20.445	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.322	93	752866	20.582	ng/ul	97
12) 2-Chlorophenol	7.463	128	773118	20.935	ng/ul	97
13) 2-Methylphenol	8.340	108	733428	20.712	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	850016	20.174	ng/ul	99
16) Acetophenone	8.722	105	1211983	21.957	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.710	70	595290	21.668	ng/ul	98
18) 4-Methylphenol	8.669	108	806748	21.280	ng/ul	99
19) Hexachloroethane	8.987	117	304535	20.257	ng/ul	95
22) Nitrobenzene	9.099	77	819715	20.961	ng/ul	97
23) Isophorone	9.628	82	1743141	21.255	ng/ul	99
25) 2-Nitrophenol	9.810	139	413121	23.100	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	895617	21.191	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.110	93	1079649	21.062	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	838092	21.904	ng/ul	97
30) Naphthalene	10.752	128	2635431	20.787	ng/ul	99
32) 4-Chloroaniline	10.857	127	1160450	21.733	ng/ul	99
33) Hexachlorobutadiene	11.052	225	565186	21.304	ng/ul	100
34) Caprolactam	11.610	113	264688m	24.279	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	828150	22.077	ng/ul	97
36) 2-Methylnaphthalene	12.363	142	1927737	21.489	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	1974073	21.615	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.728	216	1142106	20.660	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	682025	18.434	ng/ul	99
41) 2,4,6-Trichlorophenol	12.963	196	697074	22.206	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	780440	22.846	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	2707094	20.390	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	2099348	20.508	ng/ul	99
45) 2-Nitroaniline	13.598	65	460325	22.373	ng/ul	96
47) Dimethylphthalate	13.987	163	2712187	21.483	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	527615	23.510	ng/ul	93
50) Acenaphthylene	14.251	152	3387564	20.923	ng/ul	100
51) 3-Nitroaniline	14.422	138	554147	23.962	ng/ul#	98
52) Acenaphthene	14.593	153	2192273	20.737	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	201442	21.266	ng/ul	88
55) 4-Nitrophenol	14.728	109	308546	22.123	ng/ul	97
56) Dibenzofuran	14.928	168	3234065	20.920	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	756734	24.371	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.151	232	624947	23.550	ng/ul	98
59) Diethylphthalate	15.357	149	2684589	21.770	ng/ul	99
61) Fluorene	15.575	166	2656873	21.572	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	1407904	21.551	ng/ul	97
63) 4-Nitroaniline	15.587	138	564151m	26.615	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	345609	19.880	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	2344037	20.536	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	866810	20.249	ng/ul	99
69) Hexachlorobenzene	16.587	284	1024867	20.564	ng/ul	99
70) Atrazine	16.739	200	905811	20.914	ng/ul	98
71) Pentachlorophenol	16.928	266	538773	21.150	ng/ul	99
72) Phenanthrene	17.322	178	4318976	21.010	ng/ul	100
74) Anthracene	17.410	178	4362062	21.162	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	1230080	19.428	ng/uL	99
76) Pentachlorobenzene	14.851	250	1163884	20.024	ng/uL	97
77) Carbazole	17.675	167	3902838	22.219	ng/ul	99
78) Di-n-butylphthalate	18.239	149	4695133	22.893	ng/ul	100
80) Fluoranthene	19.286	202	5194508	19.239	ng/ul	96
82) Pyrene	19.633	202	5312182	19.525	ng/ul	98
83) Butylbenzylphthalate	20.516	149	2034415	22.062	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.275	252	1789053	22.288	ng/ul	100
85) Benzo(a)anthracene	21.345	228	5186946	21.200	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	3281336	23.444	ng/ul	98
87) Chrysene	21.398	228	4870805	20.619	ng/ul	99
89) Di-n-octyl phthalate	22.216	149	5302253	23.555	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	5055602	21.583	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	4761388	21.061	ng/ul	100
93) Benzo(a)pyrene	23.686	252	4696876	20.948	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.321	276	4586758	18.550	ng/ul	97
95) Dibenzo(a,h)anthracene	26.345	278	4005493	18.669	ng/ul	99
96) Benzo(g,h,i)perylene	27.098	276	3638124	17.802	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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